



CC-2102

ULR-CC210223000000887F



MECHANICAL CALIBRATION DIMENSION (Precision Instruments)

MIKRONIX ASSOCIATES
AURANGABAD 431 006

TRUE COPY
CALIBRATION CERTIFICATES OF
SET OF SLIP GAUGES

Calibration Date	Issued On	Certificate No.	Page	No. of Pages
17-09-2023	17-09-2023	SG 3981	1	2

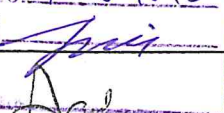
Tested For	:	M/s. NATIONAL CENTRE FOR QUALITY CALIBRATION. House No. 4, Abhishree Corporate Park, Nr. Swagat Bunglow, BRTS, Iskcon – Ambli Road, Ambli, AHMEDABAD – 380 058
Your Ref.	:	DC No. : 5092023/03 Date : 05-09-2023
Description & Identification of Instruments	:	Tungsten Carbide Slip Gauge-M10/1 Grade : 0 Sr No. : 3910 Id No. : NCQC/M-107 Make : Mikronix
Coefficient of Thermal Expansion	:	$4.7 \times 10^{-6}/^{\circ}\text{C}$
Test Purpose	:	Measurements of Slip Gauges for their mean length at 20° C to IS: 2984 of 2003
Environmental Conditions	:	Temperature 20.2 °C
Method Used	:	Comparison method as per MA/PCD/18.
Method Equipments Used	:	a) Tungsten Carbide Slip Gauge Set M122/1, GR 'K' Set Sr.No. 1212 in house (CC-2102) calibrated traceable to CMTI B,lore vide their Certificate No 353, Dtd. 22-11-2021 valid upto 22-11-2023. c) Electronic Gauge Block Calibrator (Model: GBC 931, Mikronix make) Sr.No- 00197, in house (CC-2102) calibrated traceable to CMTI B,lore vide Certificate No. GBC 27,Dtd. 06-05-2021 valid upto 06-05-2023.
Next Sugg. Due Date	:	17-09-2025.
Uncertainty of measurement (AT 95% confidence level with coverage factor k=2)	:	$\pm 0.09 \mu\text{m}$ for 2.5 mm, 15 mm & 25 mm. $\pm 0.24 \mu\text{m}$ for rest of all sizes.

Note: The Calibration Results reported in this Certificate are valid at the time of and the stated condition of measurement.

This Calibration Certificate should not be re-produced except in full without written permission from Managing Partner, Mikronix Associates, Aurangabad


CALIBRATED BY

NCQC System Certificate No. 119

NCQC
Valid up to 17-09-2025
Reviewed 

ASST. QUALITY MANAGER

MIKRONIX ASSOCIATES

POST BOX NO. 726, W-10, MIDC INDUSTRIAL AREA, CHIKALTHANA,
CHHATRAPATI SAMBAHAJINAGAR (AURANGABAD) - 431006. (M.S.) INDIA.
• Mobile : 8087798954, 9404568909. • E-mail : sales@mikronixassociates.com
• Website : www.mikronixassociates.com



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MA/FRM/19

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CALIBRATION RESULTS

Nominal Size in mm	Centre Dev. In μm
2.5	+0.07
5.1	-0.01
7.7	-0.09
10.3	-0.04
12.9	+0.02
15.0	+0.06
17.6	-0.05
20.2	+0.08
22.8	+0.02
25.0	+0.04

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